



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Manila

March 24, 2023

MEMORANDUM

TO : **KHADAFFY D. TANGGOL**
Regional Director
DPWH-Cordillera Administrative Region (CAR)
Engineer's Hill, Baguio City

ATTENTION : **JANUARIO S. GARDE**
District Engineer
Apayao 1st District Engineering Office
Conner, Apayao

Transmitted herewith is the **APPROVED** request for the **modification** of hereunder stated project:

1. OO2: Protect Lives and Properties Against Major Floods – *Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers - Construction of Badduat River Flood Control along Apayao-Abulug River Basin (Upstream), Sta 82+980 – Sta 83+120 and Sta. 82+934 – Sta. 83+120, Kabugao, Apayao - - - - - P50,000,000.00.*

Please be reminded that all approved modifications **shall be posted in the DPWH website within five (5) days** from its approval. Failure to comply with this requirement shall be dealt with accordingly.

ADOR G. CANLAS

Assistant Secretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII and XIII

2.3 aap/AVS/AGC/ERP



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CENTRAL OFFICE
Manila

4337
CAR-001

Programming Division Evaluation Sheet

Name of Project:

Construction of Badduat River Flood Control along Apayao-Abulug River Basin (Upstream), Sta. 83 + 232 - Sta. 83 + 292, Kabugao, Apayao

Project ID: **P00726653LZ**

Implementing Office: Apayao 1st District Engineering Office

Appropriation: 50,000,000

Date: 03/14/2023

A. TYPE OF REQUEST

A.1 ☐ **Change in Implementing Office/Operating Unit due to**

A.1.1 ☐ Geographical Jurisdiction

A.1.2 ☐ Approval of Authority to Bid/Implement

A.2 ☒ **PROJECT MODIFICATION/ADJUSTMENTS**

A.2.1 ☐ Typographical Error/s

A.2.2 ☐ Change in Location (for non-existent locations only)

A.2.3 ☒ Change in Station Limits

A.2.4 ☐ Addition/Deletion of Word/s

A.2.5 ☒ Change in Project Component/s Details

A.2.5.1 ☒ Change in Targets

A.2.5.2 ☐ Change in Scope of Work from _____ to _____

A.2.5.3 ☒ Change in Component Amount

A.2.5.4 ☐ Addition of Component (incl. EXC Component)

A.2.5.5 ☐ Deletion of Component

A.2.5.6 ☐ Movement of Funds between Components

**DPWH - OSEC
RECEIVED**
MAR 22 2023
By: _____ Time: _____
Control No.: 04568
IDTS No.: 64426

B. EVALUATION

B.1 ☒ **ALLOWED as per the GAA Provisions**

B.2 ☐ NOT ALLOWED as per the GAA Provisions

C. FUND SOURCE FY 2023 GAA, R.A. 11936

C.1 ☐ for issuance of SARO (☐ Released ☐ Unreleased)

Amount: _____

C.2 ☒ released thru GAAAO

50,000,000

D. IMPACT:

D.1 Condition/s: _____
- % decrease in unit cost
25.90 % increase in unit cost
20.57 % decrease in physical target
- % increase in physical target

D.2 ☐ Additional Project Component

D.3 ☒ Certificate of Cost Reasonableness by RD

D.4 Remarks: _____

E. Approving Authority as per D.O. 13, s. 2023, Guidelines on Modification of Allotment under the GAA

E.1 ☐ Undersecretary for Operations

E.2 ☒ Secretary

Evaluated By: _____

ALEX S. BOTE

Director, Planning Service

Noted By: _____

CONSTANTE A. LLANES, JR., CESO III
Assistant Secretary, Planning Service

Project ID: **P00726653LZ**

FOR: USEC FOR OPERATIONS

ACTION SLIP

☐ RRB

☒ ERP

☐ EKS

Date: _____

REMARKS:

☒ Reviewed by Planning Service

☐ Recommended for Approval

☐ Remarks: _____

MARIA CATALINA E. CABRAL, CESO I, Ph.D.
Undersecretary for Planning and PPP Services



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Manila

March 08, 2023

MEMORANDUM

FOR : **MANUEL M. BONOAN**
Secretary
This Department

This refers to the memorandum dated 28 February 2023 of **DPWH-Cordillera Administrative Region (CAR) Director KHADAFFY D. TANGGOL** endorsing the request of **District Engineer JANUARIO S. GARDE, Apayao 1st District Engineering Office**, for the approval of Modification of the hereunder project covered by CY2023 General Appropriation Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 320102105694000 Project ID : P00726653LZ					
OO2: Protect Lives and Properties Against Major Floods – Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers			OO2: Protect Lives and Properties Against Major Floods – Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers		
Construction of Badduat River Flood Control along Apayao-Abulug River Basin (Upstream), Sta 83+232 – Sta 83+292, Kabugao, Apayao			Construction of Badduat River Flood Control along Apayao-Abulug River Basin (Upstream), Sta 82+980 – Sta 83+120 and Sta. 82+934 – Sta. 83+120, Kabugao, Apayao		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 – Construction of Revetment: 410.428 lm	₱119,387.57/ lm	₱49,000,000.00	CW1 – Construction of Revetment 326 lm	₱150,306.75/ Lm	₱49,000,000.00
EAO	-	₱1,000,000.00	EAO	-	₱1,000,000.00
Total		₱50,000,000.00	Total		₱50,000,000.00
Justification:					
<ul style="list-style-type: none">The considerable increase in unit cost is reflected in the approved attached Certificate of Reasonableness of Cost Estimate (CRCE) represented as Item 1714 (1)a3 Gabions covering 23.68% and Structural Sheet Piles furnished and driven, Items 1716(6)a and 1716(12) covering 24.98% with a total of 48.66% of the weighted percentage of the scope/items of work.The physical target of 410.428 lm does not conform with the station limits (83+232 – 83+292) which is only 60 lm, hence, change in physical target to 326 lm include the new station limits 82+980 – Sta 83+120 for the continuity of the existing river flood control projects as well as protect the farmlands and community from the damaging effects of the meandering river and flooding. The project stationing as per Program of Works is Sta 82+980 – Sta 83+120 (L/S) and Sta. 82+934 – Sta. 83+120 (R/S).Attached are the following documents: Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, Project Impact Analysis, Master Plan, BP 202, Geotagged photographs, Certificate of No Overlapping, ROW Clearances, Social Clearance, Environmental Clearances, Certificate of Reasonableness and Materials Source Map.					


Based on our evaluation, the submitted request for project modification is in order, hence, it is respectfully recommended to the Secretary for his consideration and approval.

ADOR G. CANLAS

Assistant Secretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII and XIII

RECOMMENDING APPROVAL


MARIA CATALINA E. CABRAL Ph.D., CESO I
Undersecretary for Planning and PPP Services


EUGENIO R. PIPO, JR.
Undersecretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII and XIII

APPROVED/ ~~DISAPPROVED~~:


MANUEL M. BONOAN
Secretary

2.3 aap/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary



WIN3E02621



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CORDILLERA ADMINISTRATIVE REGION
Engineer's Hill, Baguio City

February 28, 2023

MEMORANDUM

FOR : MANUEL M. BONOAN
Secretary

THRU : EUGENIO R. PIPO, JR.
Undersecretary for Regional Operations
CAR, Regions I, II, IX, X, XI, XII and XIII

SUBJECT : Request for the Modification of the Project: Organizational Outcome 2: Protect Lives and Properties Against Major Floods – Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers - Construction of Badduat River Flood Control along Apayao- Abulug River Basin (Upstream), Sta. 83 + 232 - Sta. 83 + 292, Kabugao, Apayao

We are respectfully forwarding Memorandum dated February 27, 2023 from **District Engineer JANUARIO S. GARDE, Apayao First District Engineering**, regarding the above subject in the amount of **Fifty Million Pesos (Php 50,000,000.00)**, as indicated below:

	FROM	TO
Project Title	Construction of Badduat River Flood Control along Apayao-Abulug River Basin (Upstream), Sta. 83 + 232 - Sta. 83 + 292, Kabugao, Apayao	Construction of Badduat River Flood Control along Apayao-Abulug River Basin (Upstream), Sta. 82 + 980 - Sta. 83 + 120 (L/S), and Sta. 82+934 – Sta. 83 + 120 (R/S) Kabugao, Apayao
Physical Target	410.428 Lineal meters	326.000 Lineal meters

The supporting documents based on D.O. No. 13, series of 2023 are attached for your ready reference.

For the consideration of the Secretary.


KHADAFFY D. TANGGOL
Regional Director

CAR.1 CSCE/EFD/JWC/ABM



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
APAYAO FIRST
DISTRICT ENGINEERING OFFICE
CORDILLERA ADMINISTRATIVE REGION
Conner, Apayao

February 27, 2023

MEMORANDUM

FOR : KHADAFFY D. TANGGOL
Regional Director
Cordillera Administrative Region

ATTENTION : PLANNING AND DESIGN DIVISION

SUBJECT : Request for Modification of Projects in the FY2023 General Appropriations Act

We are respectfully submitting our request for modification together with the supporting documents of the above project for the changes indicated below:

FROM	TO
Flood Management Program - Construction/ Rehabilitation of Flood Mitigation Facilities along Major River Basins and Principal Rivers, Construction of Badduat River Flood Control along Apayao-Abulug River Basin (Upstream), Sta. 83+232 – Sta. 83+292, Kabugao, Apayao	Flood Management Program - Construction/ Rehabilitation of Flood Mitigation Facilities along Major River Basins and Principal Rivers, Construction of Badduat River Flood Control along Apayao-Abulug River Basin (Upstream), Sta. 82+980 – Sta. 83+120 (L/S) and Sta. 82+934 – Sta 83+120 (R/S), Kabugao, Apayao

Please be informed that the modification of this project is due to the change of station and increased of the physical target.


JANUARIO S. GARDE
District Engineer

CAR.10.1 LAP/GBD

Modification Request Form

A. GENERAL																									
1. REGION Cordillera Administrative Region		2. DEO Apayao First District Engineering Office			3. LEGISLATIVE DISTRICT Apayao Lone District																				
B. ORIGINAL PROJECT				C. PROPOSED REVISED PROJECT																					
4. UACS (Unified Account Code Structure as defined in GAA) 320102105694000																									
5. Project Id P00726653LZ																									
6. Project Category 002: Protect Lives and Properties																									
7. Sub-Program (P/A/P) Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers																									
8. Operating Unit Apayao First District Engineering Office				18. Operating Unit (Change subject to DBM approval) Apayao First District Engineering Office																					
9. Type of Work (Enter Details for all Components below) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Component ID</th> <th style="width: 80%;">Type of Work</th> </tr> </thead> <tbody> <tr> <td>CW1</td> <td>Construction of Revetment</td> </tr> </tbody> </table>				Component ID	Type of Work	CW1	Construction of Revetment	19. Type of Work (Enter Details for all Components below) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Component ID</th> <th style="width: 80%;">Type of Work</th> </tr> </thead> <tbody> <tr> <td>CW1</td> <td>Construction of Revetment</td> </tr> </tbody> </table>				Component ID	Type of Work	CW1	Construction of Revetment										
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10. PROJECT DESCRIPTION (as recorded in GAA) Construction of Badduat River Flood Control along Apayao-Abulug River Basin (Upstream), Sta. 83+232 – Sta. 83+292, Kabugao, Apayao				20. PROJECT DESCRIPTION (of the revised project) Construction of Badduat River Flood Control along Apayao-Abulug River Basin (Upstream), Sta 82+980 – Sta 83+120 and Sta. 82+934 – Sta. 83+120, Kabugao, Apayao																					
11. ALLOTMENT (P'000) (as recorded in GAA) 50,000.00				21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 50,000.00		22. CAF (To be obtained from Financial Management office) <input checked="" type="checkbox"/> YES																			
12. PHYSICAL TARGET (Enter Details for all Components below) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Component ID</th> <th style="width: 40%;">Target</th> <th style="width: 40%;">Target Unit</th> </tr> </thead> <tbody> <tr> <td>CW1</td> <td>410.428</td> <td>Lineal Meters (lm)</td> </tr> </tbody> </table>				Component ID	Target	Target Unit	CW1	410.428	Lineal Meters (lm)	23. PHYSICAL TARGET (Enter Details for all Components below) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Component ID</th> <th style="width: 40%;">Target</th> <th style="width: 40%;">Target Unit</th> </tr> </thead> <tbody> <tr> <td>CW1</td> <td style="color: red;">326.000</td> <td>Lineal Meters (lm)</td> </tr> </tbody> </table>				Component ID	Target	Target Unit	CW1	326.000	Lineal Meters (lm)						
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14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014) Click here to enter text. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Start X</th> <th style="width: 20%;">121.2077778</th> <th style="width: 10%;">End X</th> <th style="width: 20%;">121.2072222</th> </tr> </thead> <tbody> <tr> <td>Start Y</td> <td>17.98361111</td> <td>End Y</td> <td>17.98305556</td> </tr> </tbody> </table>				Start X	121.2077778	End X	121.2072222	Start Y	17.98361111	End Y	17.98305556	25. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014. Also complete "ANNEX A" for National Road projects under OO-1) Click here to enter text. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Start X</th> <th style="width: 20%;">L/S 121.2075 R/S 121.20568</th> <th style="width: 10%;">End X</th> <th style="width: 20%;">L/S 121.2080556 R/S 121.20638</th> </tr> </thead> <tbody> <tr> <td>Start Y</td> <td>L/S 17.98444444 R/S 17.98341</td> <td>End Y</td> <td>L/S 17.98388889 R/S 17.98449</td> </tr> </tbody> </table>				Start X	L/S 121.2075 R/S 121.20568	End X	L/S 121.2080556 R/S 121.20638	Start Y	L/S 17.98444444 R/S 17.98341	End Y	L/S 17.98388889 R/S 17.98449		
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15. ROAD CLASSIFICATION (if applicable)				26. ROAD CLASSIFICATION (if applicable)																					

Modification Request Form

N/A		N/A	
16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project) Apayao First District Engineering Office		27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Apayao First District Engineering Office	
17. PROJECT IMPLEMENTATION PLAN (PIP)		28. PROJECT IMPLEMENTATION PLAN (PIP)	
Planned Start Date 3/13/2023	Planned End Date 5/30/2024	Planned Start Date 3/13/2023	Planned End Date 5/30/2024
29. OVERLAP? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		30. UNDER WARRANTY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	

D. ATTACHMENTS & JUSTIFICATIONS

31. PROJECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects)

☐ NO
 ☒ YES
 ☐ N/A

32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points)

- The considerable increase in unit cost is reflected in the approved attached Certificate of Reasonableness of Cost Estimate (CRCE) represented as Item 1714 (1)a3 Gabions covering 23.68% and Structural Sheet Piles furnished and driven, Items 1716(6)a and 1716(12) covering 24.98% with a total of 48.66% of the weighted percentage of the scope/items of work.
- The physical target of 410.428 lm does not conform with the station limits (83+232 – 83+292) which is only 60 lm, hence, change in physical target to 326 lm include the new station limits 82+980 – Sta 83+120 for the continuity of the existing river flood control projects as well as protect the farmlands and community from the damaging effects of the meandering river and flooding. The project stationing as per Program of Works is Sta 82+980 – Sta 83+120 (L/S) and Sta. 82+934 – Sta. 83+120 (R/S).
- Attached are the following documents: Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, Project Impact Analysis, Master Plan, BP 202, Geotagged photographs, Certificate of No Overlapping, Row Clearances, Social Clearance, Certificate of Reasonableness and Materials Source Map.

Modification Request Form

35. PREPARED BY:

Name: LYN-LYN A. PERALTA Position: Engineer II
Office: Planning Unit, Apayao First District Eng'g. Office Date: 2/10/2023

36. REVIEWED BY DISTRICT OFFICE (If Required)

Name: GERALDO B. DAOWAG
Position: Chief, Planning and Design Section
Date: 2/10/2023

38. REVIEWED BY REGIONAL OFFICE

Name: ANGELITA B. MABITAZAN
Position: Chief of Planning and Design Division
Date:

37. RECOMMENDED BY DISTRICT OFFICE (If Required)

Name: JANUARIO S. GARDE
Position: District Engineer
Date: 2/10/2023

39. RECOMMENDED BY REGIONAL OFFICE

Name: KHADAFY D. TANGGOL
Position: Regional Director
Date:

Modification Request Form

UACS(Unified Account Code Structure as defined in GAA)

320102105694000

Project Id


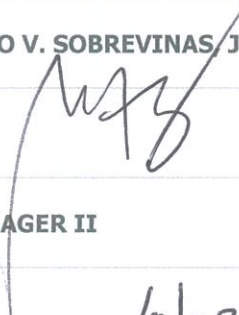
P00726653LZ

40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS

Primary Reason for Request (based on Category of Modification): (choose one)

Category A	Category B	Category C	Category D	Impact
<input type="checkbox"/> Typographical error on Project Description	<input type="checkbox"/> Overlapping Sections <input checked="" type="checkbox"/> Change in Station Limits <input checked="" type="checkbox"/> Change in Physical Target	<input type="checkbox"/> No such Barangay <input type="checkbox"/> No such City or Municipality	<input type="checkbox"/> Change in (IO), requiring a change in the (OU)	<input type="checkbox"/> No change or decrease in unit cost <input type="checkbox"/> 20% or less increase in unit cost <input type="checkbox"/> > 20% increase in unit cost

Reviewed by Office of the Undersecretary for Operations



Name:	Engr. MANUEL L. SINGSON	Engr. ANTONIO V. SOBREVINAS JR.
Signature		
Position:	PROJECT MANAGER I	PROJECT MANAGER II
Date:	3/8/23	3/8/23

41. DPWH PLANNING SERVICE

Category of Modification
(please check the appropriate)

- ☐ Category A –Typographical Error
- ☐ Category B – Change in Station Limits
- ☐ Category C – Change in Location, due to non-existing location
- ☐ Category D – Change in Operating Unit (requires DBM approval)
- ☐ Modification does not comply with DBM Categories

Reviewed by Planning Service

Name:	ANNA ANDREA M. NOCHE	Name:	PETER PAUL R. CORTEZ
Signature		Signature:	
Position:	Regional Coordinator	Position:	Chief, Programming Division
Date:	3/14/23	Date:	